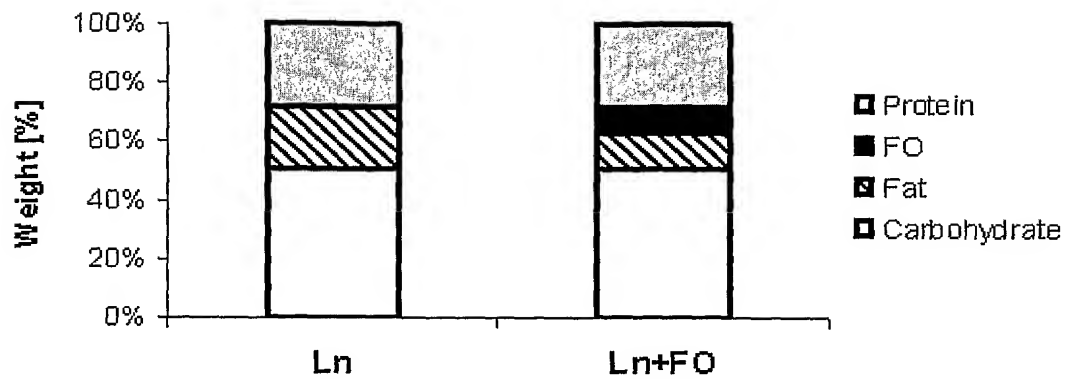
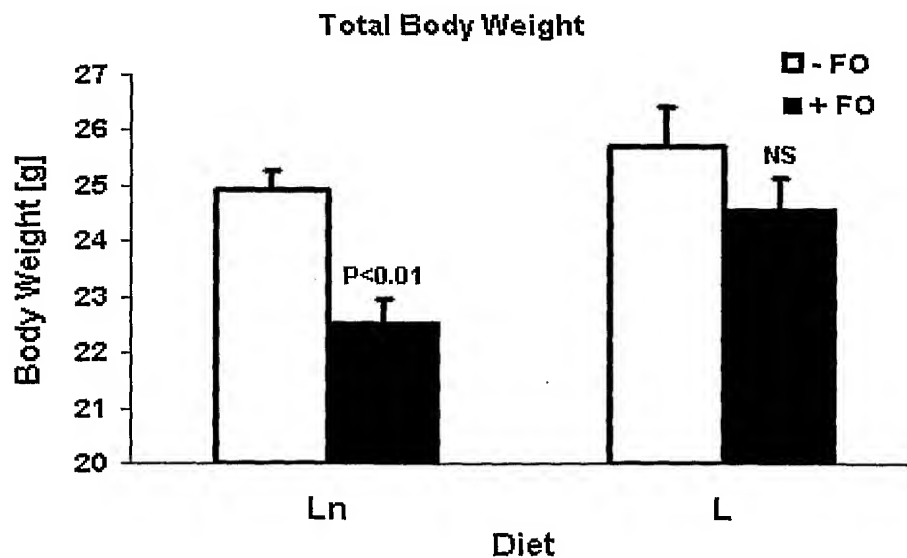


1/9



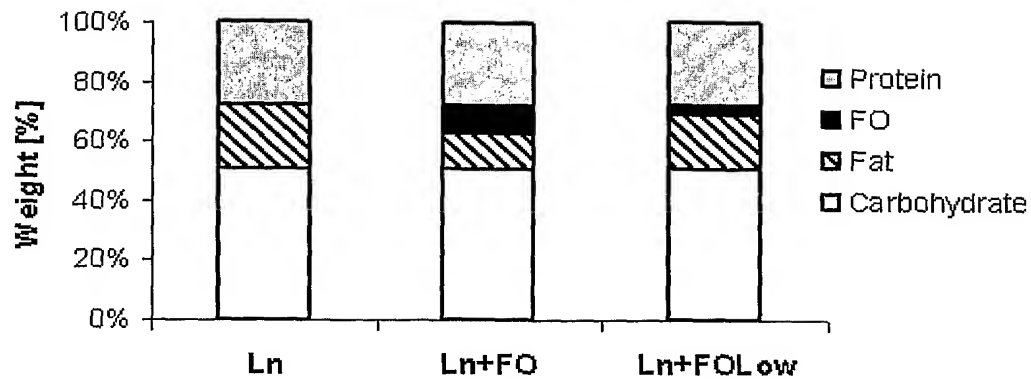
Composition of the semisynthetic high-fat diets (20 % w/w fat) containing flaxseed oil (Ln) and flaxseed oil with EPAX 2050TG; FO (Ln+FO)

*Fig. 1A*

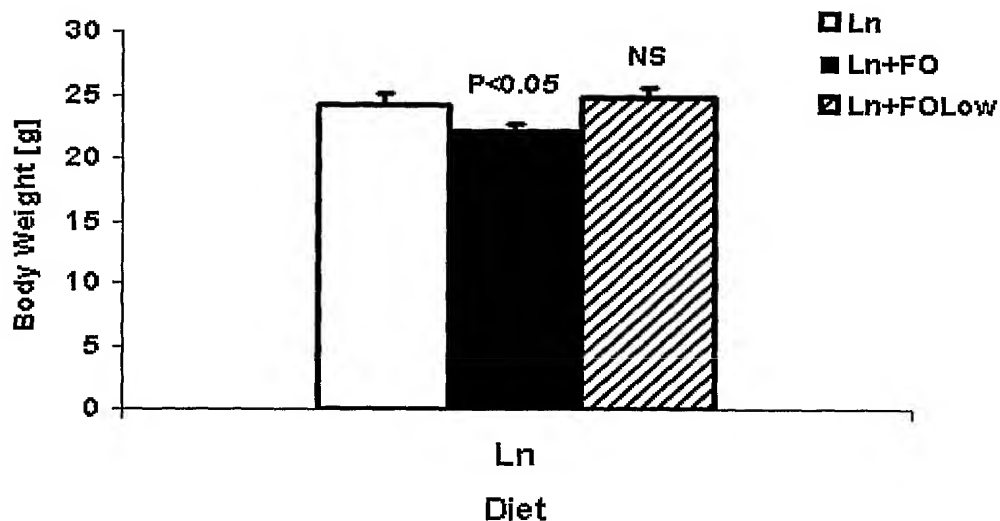
Total body weight after one month of treatment. Lard (L), Lard plus EPAX2050TG (L+FO), Flaxseed oil (Ln) and Flaxseed plus EPAX2050TG (Ln+FO)

*Fig. 1B*

2/9



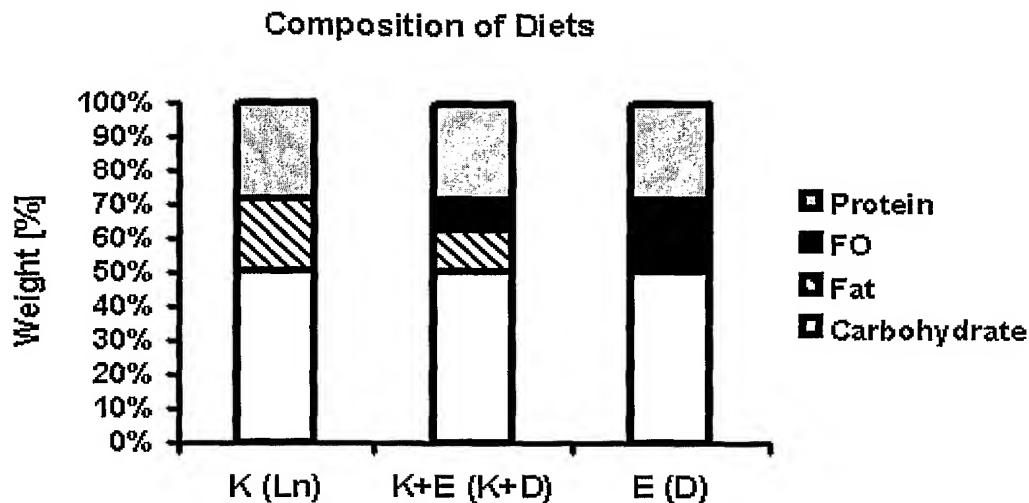
Composition of semisynthetic high-fat diets (20 % w/w fat) containing flaxseed oil (Ln), flaxseed oil with a higher dose of EPAX2050TG (Ln+FO) and flaxseed oil with a lower dose of EPAX2050TG (Ln+FO Low)

*Fig. 2A*

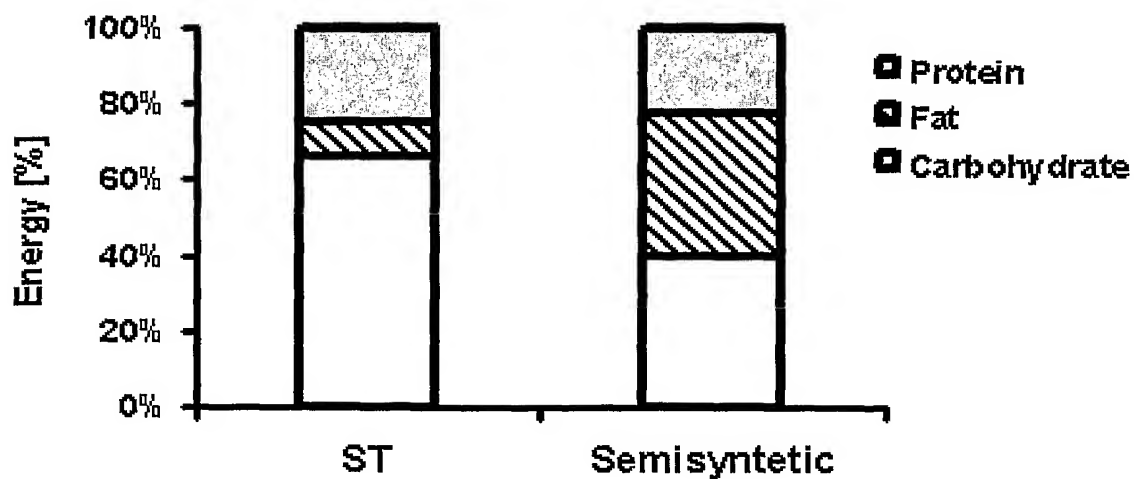
Total body weight after two months of treatment. Flaxseed oil (Ln), Flaxseed oil plus a higher dose of EPAX2050TG (Ln+FO) and Flaxseed oil plus a lower dose of EPAX2050TG (Ln+FO Low).

*Fig. 2B*

3/9



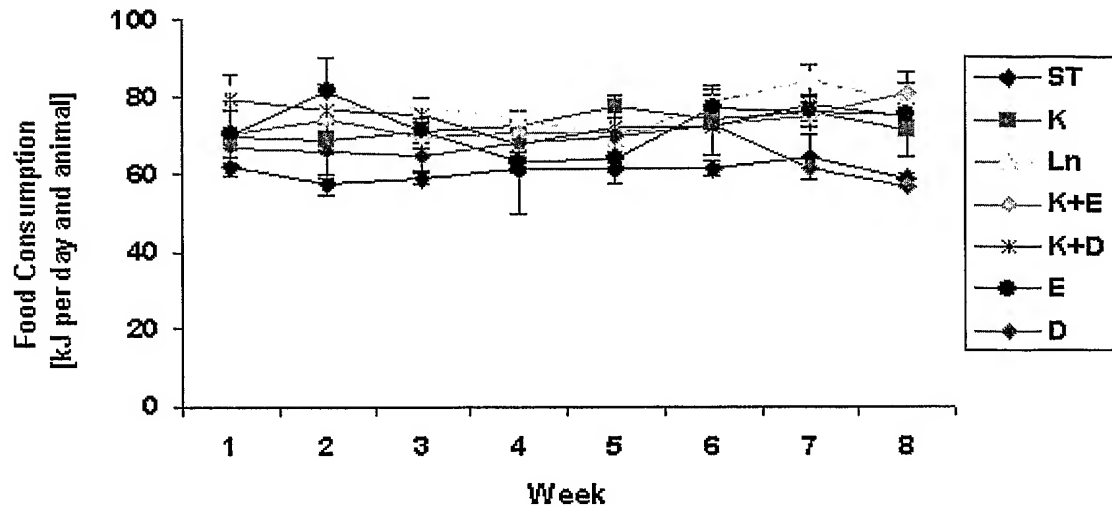
Composition of semi synthetic high-fat (20 % w/w fat) diets containing Flaxseed oil (Ln), Corn oil (K), EPAX 1050TG (high in DHA) (D), EPAX 4510TG (high in EPA) (E), Corn oil + EPAX 1050TG (K+D), and Corn oil + EPAX 4510TG (K+E).

*Fig. 3A*

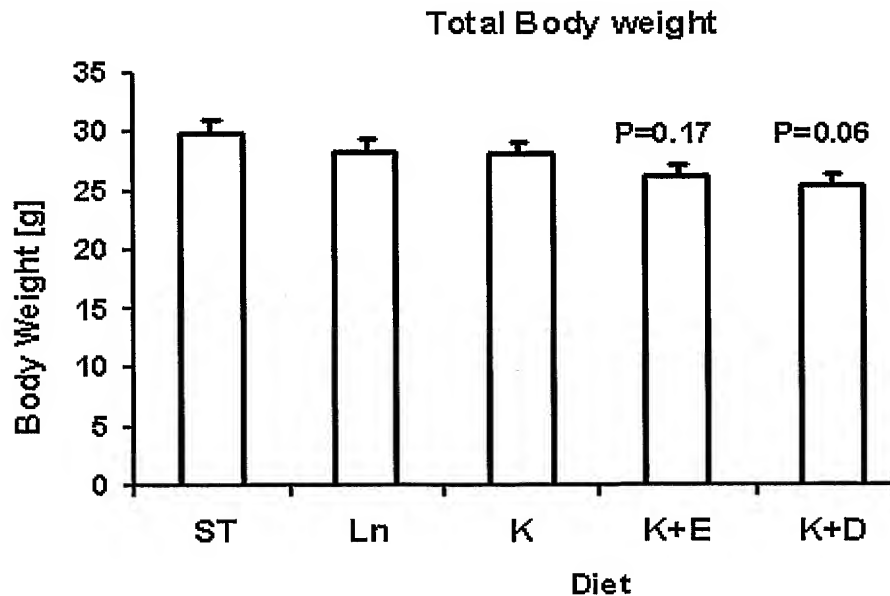
Composition of standard diet (ST) and semisynthetic diet.

*Fig. 3B*

4/9

**Food Consumption**

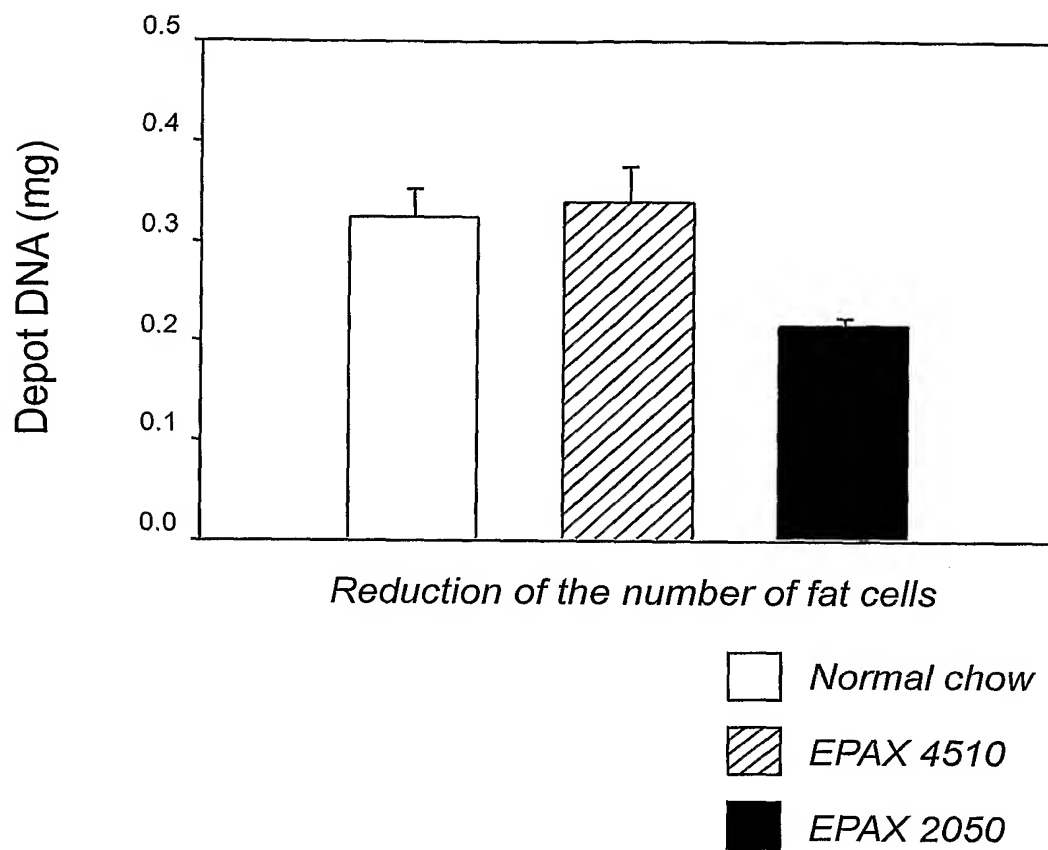
Food consumption per day and animal during 8 weeks.

*Fig. 3C*

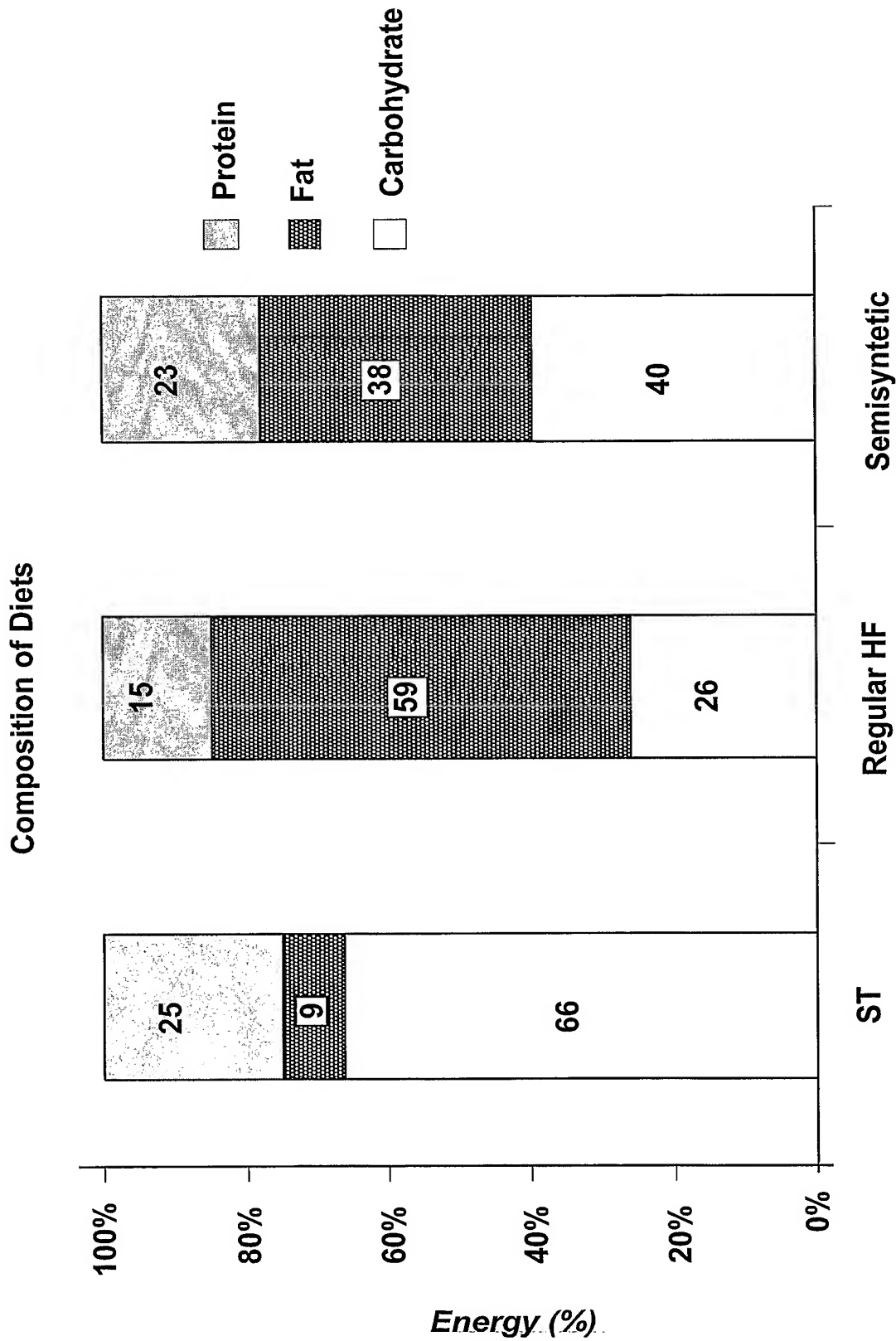
Total body weight after two months of treatment compared to a control group (ST). Flaxseed oil (Ln), Corn oil (K), Corn oil + EPAX 1050TG (K+D), and Corn oil + EPAX 4510TG (K+E).

*Fig. 3D*

5/9

*Fig. 4*

6/9



Energy content of a standard chow diet (ST), a regular HF (high fat) diet, and a semisynthetic HF diet.

**Fig. 5A**

7/9

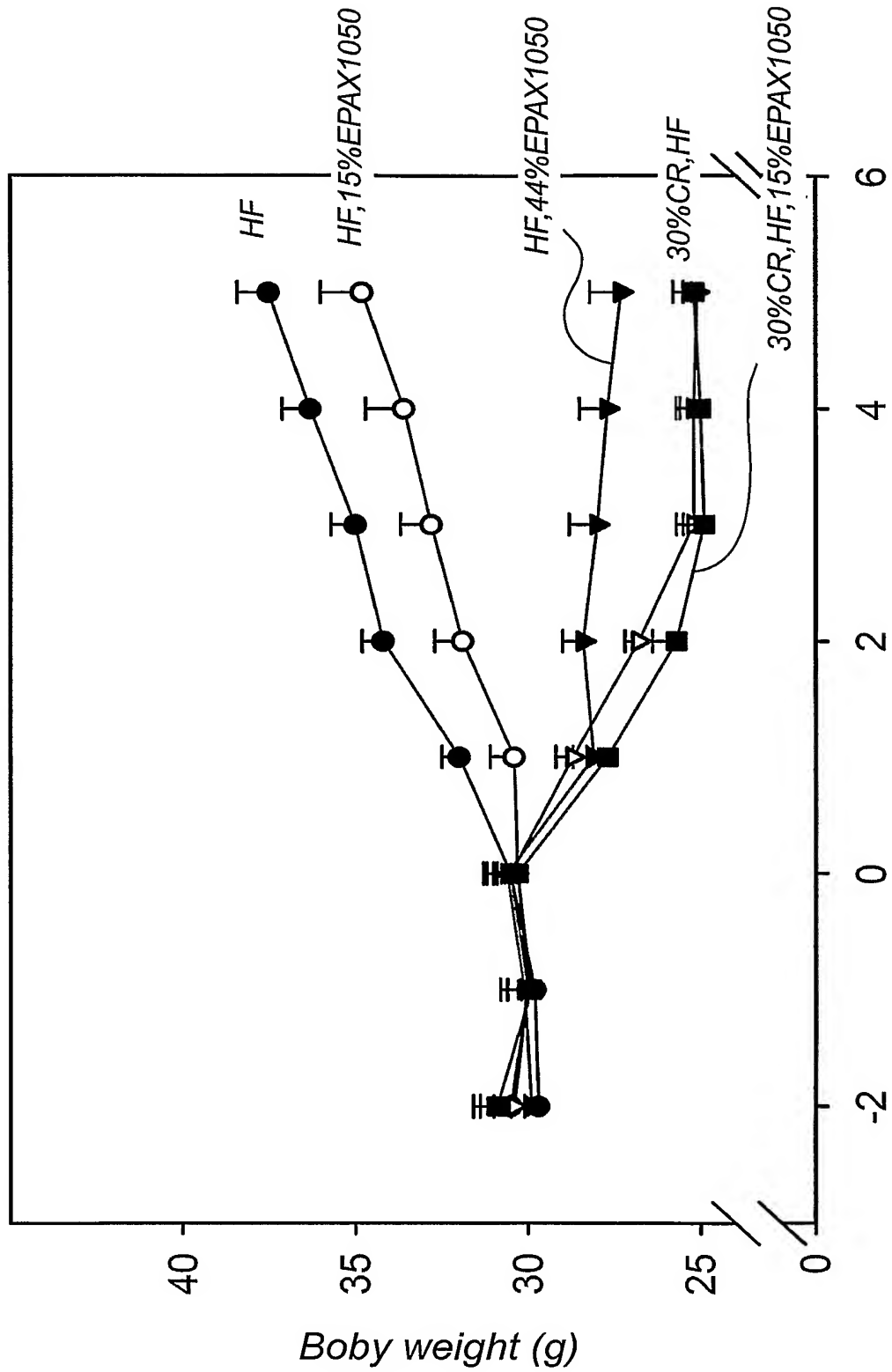


Fig. 5B

Weeks

Weight reduction and prevention of gain in body weight

8/9

## Change of Body Weight-Experiment 7+8

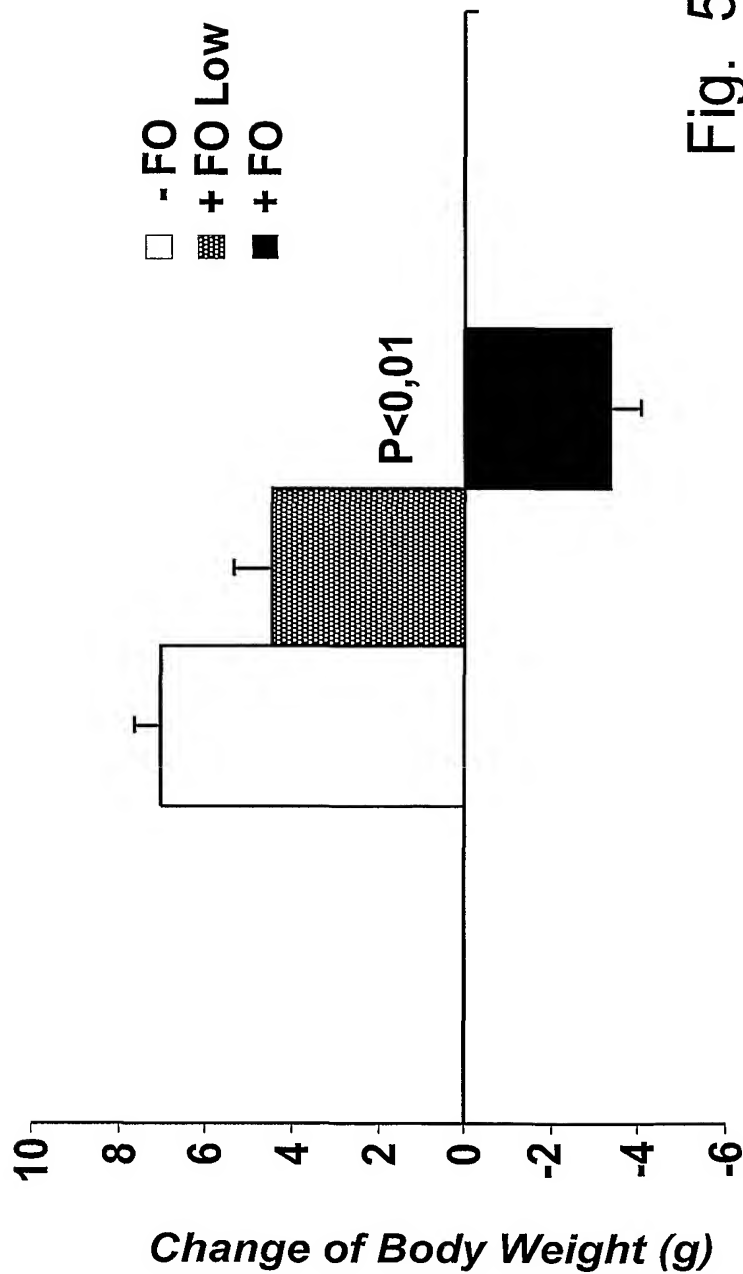
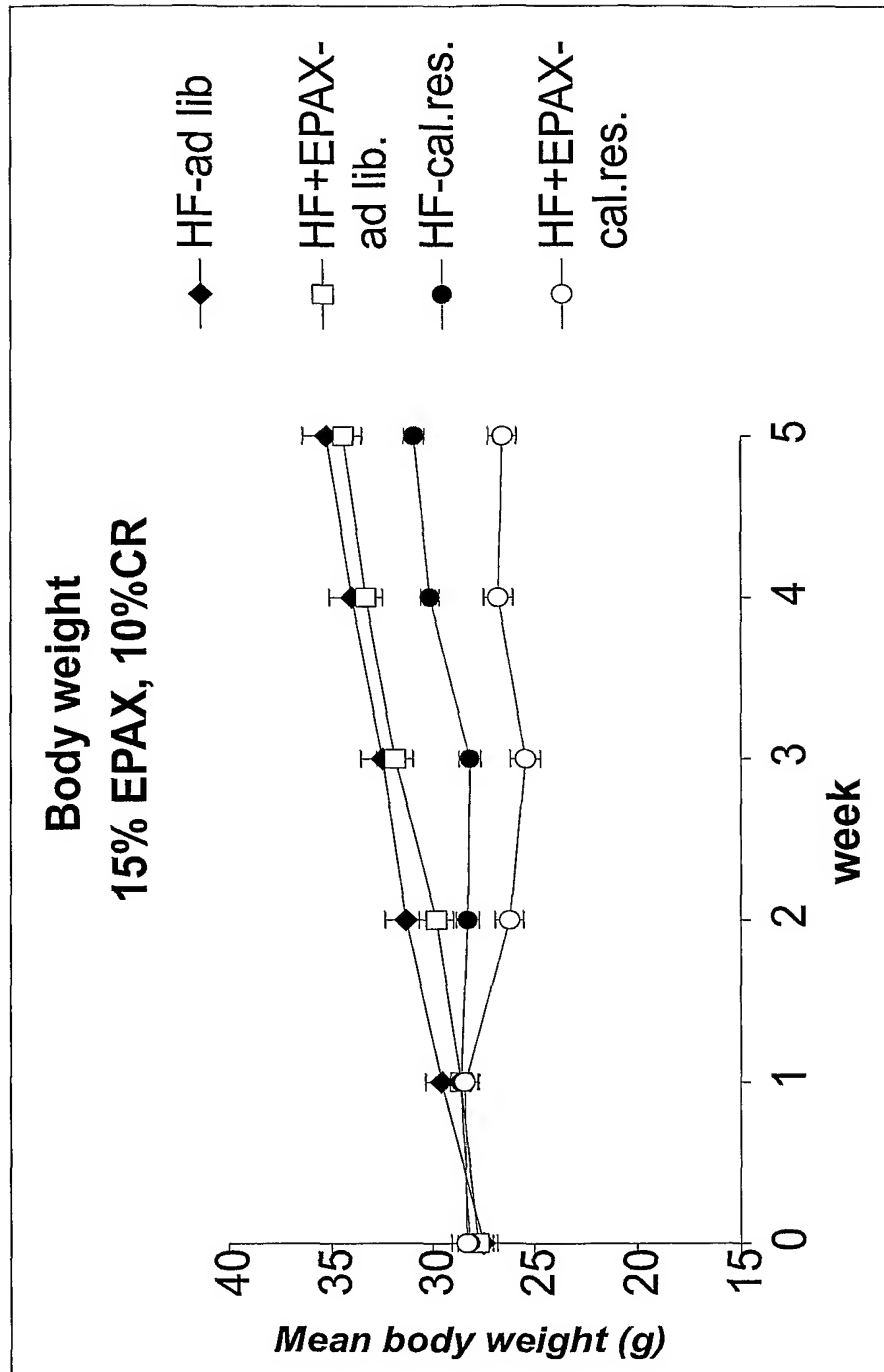


Fig. 5C

Change of body weight during 5 weeks of treatment. Regular HF diet ad libitum (-FO), regular HF diet where EPAX 1050 TG formed 15 % w/w (low dose) of the content of the diet (+FO low) and regular HF diet where EPAX 1050 TG formed 44 % w/w (low dose) of the content of the diet (+FO).



9/9



*Effects of EPAX1050TG and 10% CR on body weight.*

**Fig. 6**